

ABSTRACT OF DISCLOSURE

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A method for interfacing components is provided that includes the steps of receiving from a first component a request for an access operation comprising one of at least a write operation and a read operation, and comprising a requested data address associated with a second component, and determining whether data corresponding to the requested data address is missing from memory, the memory being independent of the second component. When the data is missing from the memory, the method includes the steps of intercepting the request, loading the data from the second component to the memory, and performing the requested access operation. Modified data is converted from a first communication type to a second communication type and written to the memory, and to the second component during a write operation, and data is converted from the second communication type to the first communication type and read by the first component during a read operation.

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